

66  
The Toxicity of Organophosphorus Insecticides, by  
L. F. Felt, 5 pp.  
BIOCHEMICAL J., Manchester, England, 8 Feb 1964, p 3.  
JPRS 34329

Sci-Med & Med  
Apr 64

24 304,691

Pilat, St. and Winkler, J.  
PRODUCTION OF HIGHER ALCOHOLS FROM PETROLEUM HYDROCARBONS, PT. I. 14 Jan 32 [18]u.  
(figs. omitted) 12 refs.  
Order from SLA \$1.60

63-10433

Trans. of Przemysl Chemiczny (Poland) 1929, v. 13,  
p. 185-195.

DESCRIPTORS: \*Alcohols, Production, \*Petroleum,  
Hydrocarbons, Decomposition, Temperature,  
\*Ethylenes, Gasoline.

The optimum temperature for the production of olefinic gases which can be utilized for manufacturing secondary alcohols by cracking gas oil in the vapor phase is between 600° to 670°. For this temperature interval a maximum yield of 5-1/2%, figured on the gas oil charged, is obtained. It was possible to obtain (Engineering--Chemical, TT, v. 10, no. 2) (over)

63-10433

I. Pilat, S.  
II. Winkler, J.

Office of Technical Services

Pilat, S., Mokrowski, W. J., and Winkler, J.  
PRODUCTION OF HIGHER ALCOHOLS FROM PETRO-  
LEUM HYDROCARBONS, PT. II. 28 Jan 32, 20p.  
(figs. refs. omitted).  
Order from SLA \$1.60

63-10434

Trans. of Przemysl Chemiczny (Poland) 1929, v. 13,  
5 May, p. 209-220.

DESCRIPTORS: \*Alcohols, Production, Petroleum,  
Hydrocarbons, \*Gases, Propenes, Ethylenes, Separa-  
tion, Gasoline, Sulfur, Dehydration, Sulfuric acid.

See also 63-10433

(Engineering--Chemical, TT, v. 10, no. 2)

63-10434

I. Pilat, S.  
II. Mokrowski, W. J.  
III. Winkler, J.

Office of Technical Services

Economic Cooperation Between Poland and East  
Germany, by Zenon Pilat.

POLISH,

3  
ECONOMEX per, Handel Zagraniczny, No 2, 1961,  
pp 106-109.

FDD Sum 3139

HEOR - ~~HEOR~~ Poland  
Econ - Foreign Trade  
Aug 61

16,2791

Pilatovskii, V. P.

62-16440

ON THE APPLICATION OF SOME CONTOUR INTEGRALS IN PROBLEMS OF FORCE FILTRATION OF AN INCOMPRESSIBLE LIQUID TO WELLS (O Primenenie Nekotorykh Konturnykh Integralov v Zadachakh Napornoj Fil'tratsii Neszhimaemoi Zhidkosti k Skvazhinam). [1962] [9]p. (foreign text included) 7 refs.

I. Pilatovskii, V. P.

Order from OTS or SLA 51.10

62-16440

Trans. of Akademiya Nauk SSSR. Doklady, 1956, v. 110, no. 5, p. 742-745.

DESCRIPTORS: Liquids, \*Liquid filters, Permeability, Viscosity, Petroleum, Sources, \*Fluid mechanics, Mathematical analysis, \*Integrals, Functions.

(Earth Sciences--Geology, TT, v. 9, no. 10)

Office of Technical Services

On Displacement of Interface Between Two  
Liquids Being weighed in a Horizontal Layer,  
by V. P. Pilatovskiy.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk - Mekh i Mash, No 4, 1961, pp 127-130.  
s 1

KRM, Ft Belvoir  
T-1357

Sci - Ingr  
Aug 61

164,342

Regulations Concerning Safety Arrangements  
in the Use of Radioactive Materials,  
by U. Pilbeam.

BRUNEN, rpt, Det Danske Lidenrigs - og  
boligministeriets Bekendtgørelse

15 June 1955. 9232606

ABC NP-Tr 1262

U. Pilbeam

Sci-BG:1

Oct 66

312,174

62-26898

Pik, A.

DANGERS D'EXPLOSION DES VAPEURS INFLAMMABLES ET DES GAZ MÉLANGÉS À L'AIR. VI. CINÉMATIQUE DE LA COMBUSTION AUTOMATIQUE SOUS PRESSION ATMOSPHÉRIQUE DES MÉLANGES À DES CONCENTRATIONS PROCHES DES CONCENTRATIONS LIMITES (Danger of Explosion of Flammable Mixtures of Vapors and Gases with Air. VI. Kinetics of Combustion Occurring Spontaneously at Atmospheric Pressure under Conditions which are Close to Limiting Concentrations) 34p 14 refs  
Order from OTS, ETC or CNRS \$1.22 62-26898

- I. Pik, A.
- II. Centre National de la Recherche Scientifique

Trans. in French of Przemysl Chemiczny (Poland) 1958, v. [14] (37) p. 529-537.

DESCRIPTORS: Air, \*Gases, \*Vapors, \*Combustion, Chemical reactions, Inflammable materials, Theory, Reaction kinetics.  
(Chemistry--Physical, TT, v. 10, no. 10)

Office of Technical Services



TT-62-28138

- I. Filc, A.
- II. CNRS-VIII bis 445
- III. Centre National de la Recherche Scientifique, Paris

Filc, A.  
DANGER D'EXPLOSION DES VAPEURS ET GAZ INFLAMMABLES AVEC L'AIR. V. LIMITES DE DÉTONATION DES GAZ ET VAPEURS INFLAMMABLES DANS L'AIR (Niebezpieczeństwo Wybuchów Mieszanin Palnych par i Gazów z Powietrzem, V. Granice Wybuchowości Palnych par i Gazów z Powietrzem) (Danger of Explosion of Flammable Mixtures of Vapors and Gases with Air, V. Explosion Limits of Flammable Vapors and Gases). 39p. (foreign text included). 6 refs. CNRS-VIII bis 445.  
Order from OTS, ETC or CNRS \$1.37 TT-62-28138

Trans. in French of Przemysł Chemiczny (Poland) 1957, v.13(36), no.10, p.591-598.

DESCRIPTORS: Gases, \*Detonations, Air, Vapors, \*Inflammable materials, Theory.

(Chemistry--TT, v. 11, no. 7)

Office of Technical Services  
European Translations Centre

Explosion Hazards of Combustible Vapor  
and Gas Mixtures with the Air. IV.  
Factors Influencing the Lower Explosion  
Limit of Gaseous Combustible Components  
and Calculation Methods of Close Values  
for These Limits, by A. Pila, 25p.  
POLISH, per, Practical Chemistry, Vol 12(35),  
No 8, 1976, pp 433-442.  
SLA TT-65-10212

*A. Pila*

333, 758

Pilc, A., Osmolski, H., and Rybacki, L.  
PREPARATION OF DIPHENYL ETHER FROM PHENO-  
LATES AND CHLOROBENZENE. [1963] 6p.  
Order from ATS \$10.00

ATS-55Q67P

Trans. of Przemysl Chem[iczny] (Poland) 1950, v. 6[29]  
no. 4, p. 194-197.

DESCRIPTORS: \*Phenyl ethers, Synthesis, \*Phenols,  
Esters, \*Benzenes, \*Chlorides.

(Chemistry--Organic, TT, v. 10, no. 1)

63-17173

- I. Pilc, A.
- II. Osmolski, H.
- III. Rybacki, L.
- IV. ATS-55Q67P
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Pilch, Melr, compiler.

INVESTIGATION OF AIRFIELD DRAINAGE ARCTIC AND SUBARCTIC REGIONS, PT. II: TRANSLATIONS OF SELECTED TOPICS. Rept. on Project "Research Investigations of Drainage of Airfields in Arctic and Subarctic Regions", Contract W21-018-eng-430. Apr 49 [153]p. 44 refs. SAFHL PR-17.  
Order from OTS or SLA \$11.50

62-25868

Trans. of monos. Gidrolizolyatsiya i Drenazh Oboronitel'nykh i Neoboronitel'nykh So-orueni, Moscow/Leningrad, 1943, 124p.; Referati Nauchno-Issledovatel'nykh Rabot v 1945 G., Moscow, 1947 (partial) Naledi i Borba s Nimi, Moscow, 1940, 133p. (abstract).

DESCRIPTORS: Landing fields, \*Drainage, Arctic regions, \*Soils, Water, Hydrology, \*Moisture-proofing, \*Permafrost, Soil mechanics, \*Ice,

(Engineering--Civil, IT.v. 9, no. 8)

(over)

62-25868

- I. Pilch, M.
- II. Title: Research...
- III. SAFHL PR-17
- IV. St. Anthony Falls Hydraulic Lab., U. of Minnesota, Minneapolis
- V. Contract W21-018-eng-430

11-56643

Office of Technical Services

(DC-4406)

On the Synthesis of Quasi-Nonrepeating Networks,  
by B. Yu. Pil'chak, 52 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 3, 1961,  
pp 95-122.

JPRS 6570

Sci - Math

Feb 61

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On Nervous and Mental Diseases in Catholic Clergy  
and Nuns, by A. XX Pilcz, 15 pp.

GERMAN, per, Jahrb Psychiatr u Neurol, Vol XXXIV,  
1913, pp 367-375.

NIE Tr 4-43

Sci - Med

May 58

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The Question of Myxedema Psychosis and Thyroid  
Gland Therapy in Psychoses Generally, by  
Alexander Filer, 4 p.

AUSTRIAN, *Monatsschrift für Psychiatrie und  
Neurologie*, 1901, Vol XX, pp 77-101.

SLA 59-10706

Sci  
Jan 60  
Vol 2, No 8

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The Question of Myxedema Psychosis and Thyroid Gland  
Therapy in Psychoses Generally, by Alexander Pilcz,  
3 pp. ABSTRACT

GERMAN, per, Jahrenbericht uber die Neurologie und  
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NIH 3-39

Sci - Med

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(NY-5732)

Residential Construction in 1956-1958 -- Size of  
Buildings and Length of Production Cycle, by  
Jerry Pileck, 9 pp.

POLISH, par, Przegląd Budowlany, Vol XXXII, No 11,  
1960, pp 508-510.

JPRS 7991

MEur - Poland  
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Apr 61

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Ministry of Construction and Construction Materials,  
by Jerzy Pilecki. (Wk Econ Rpt on EEur, 220).

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CIA/PDD Sum 1961

KEur - Poland  
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Pillet, Paul-Emile and Kober, Michel.  
A STUDY OF THE INHIBITION OF RADICLE  
GROWTH BY DL-TRYPTOPHANE (Etude de l'inhibi-  
tion de la Croissance Radiculaire par le DL-  
Tryptophane). [1961] 19p. 32 refs.  
Order from SLA \$1.50

61-20441

Trans. of [Schweizerische Botanische Gesellschaft,  
Berichte] 1958, v. 68, p. 239-248.

DESCRIPTORS: Growth, \*Metabolism inhibitors,  
\*Tryptophane, Hormones, Growth substances,  
\*Plants, Seeds, Biochemistry.

(Biological Sciences--Botany, TT, v. 7, no. 5)

61-20441

I. Pillet, P.-E.  
II. Kober, M.

194901

Office of Technical Services

Pilet, Paul-Emile and Kobr, Michel.  
A STUDY OF THE INHIBITION OF RADICLE  
GROWTH BY DL-TRYPTOPHANE (Etude de l'inhibi-  
tion de la Croissance Radiculaire par le DL-  
Tryptophane). [1961] [19]p. 32 refs.  
Order from SLA \$1.60

61-20441

Trans. of [Schweizerische Botanische Gesellschaft.  
Berichte] 1958, v. 68, p. 239-248.

DESCRIPTORS: Growth, \*Metabolism inhibitors,  
\*Tryptophane, Hormones, Growth substances,  
\*Plants, Seeds, Biochemistry.

(Biological Sciences--Botany, TT, v. 7, no. 5)

61-20441

I. Pilet, P. -E.  
II. Kobr, M.

194901

Office of Technical Services

Superheating of Solids in Vacuo, by D. S.  
Karametskaya, I. B. Piletzkaya

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 4, 1954, pp 689-691.

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Scientific - Minerals/Metals  
Jul CTS/DEX

Price \$2.40

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Mechanism of Action of Aluminum Upon Secondary Austenite Grain in Steel, by D. S. Kamenetskaya, I. B. Piletskaya.

RUSSIAN, rpt, Problems of Metallography and Metal Physics, No 4, publ by State Sci and Tech Publ House for Ferrous and NF Literature, Moscow, 1955, pp 103-112.

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Sci - Min/Met

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Jan 58

REPUBLIC. CONFERENCE OF TRADE UNION OF MEDICAL  
WORKERS, BY G. KLEBANOV, M. PILETSKIY, 6 PP

RUSSIAN, PER, ZERAYDORRANOWYE BELORUSSII, NO 8,  
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NOV 63

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The Second Congress of Therapists of the Belorussian SSR, by S. Kamyshnikov, G. Klebanov, M. Piletskiy, 13 pp.

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JPRS 3490

Sci - Med  
Jul 60

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Influence of the Fasting and Feeding on the  
Respiratory Metabolism of Insects, by Marta  
Pilewiczowa, 3 pp. UNCLASSIFIED

FRENCH, per, Travaux de l'Institut, Lencki, No 39,  
1925, pp 28-29.

QNT 452

Scientific - Biology

Oct 53 CTS

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(NY-6726)

Autonomic Nervous System Changes in  
Children Subjected to X-Irradiation for  
Epilation, by Ye. G. Dolgov, I. I.  
Pil'gar, 4 pp.

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1960, pp 10-12.

JPRS 12003

Sci  
Jan 62

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Studies in Extraction of Tar Oil From Treated  
Woods, by H. Mallison, H. B. Van Groenou, E.  
Pilgenrother, 21 pp.

GERMAN, per, Bitumen-Teere-Asphalte-Peché, Vol VII,  
1956, pp 141-145.

SIA Tr 57-723

Sci - Fuels

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Sep 57

On the Morphology of the Graminaea, by R. Pilger.  
GERMAN, per, Botanische Jahrbucher, Vol 69, No 4, 1939,  
pp 401-418.

\*NTIS/SI TT 71-53116

Available SI Only

R. Pilger

June 71

The Gramineae System, Excluding the Bambusoideae  
by R. Pilger.

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1954, pp 281-288.

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Autoradiographic Determination of the DNA  
Doubling Time in Various Types of Mouse and  
Fet Cells by Double Labelling With  $^3\text{H}$ - and  
 $^{14}\text{C}$ -Thymidine, by Ch. Pilgrim, W. Maurer, 9 pp.  
GERMAN, part, Naturwissenschaften, Vol 49, 1962,  
pp 544-545.  
ABC UCRL Tr-10072

Ch. Pilgrim

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Sci - Biol & Med  
Jul 67

A Source of Molecular Hydrogen Ions for the "Ogra"  
Apparatus

By P. M. Marozov, L. N. Pil'gunov pp 7

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 4,  
1963, pp. 470-478.

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Sov Phys - Tech Phys  
Vol VIII, No 4

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Sep 63

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Pilheu, Jorge A. and Iannello, Jose A.  
EFFECT OF A NEW HORMONE, TRIAMCINOLONE,  
COMBINED WITH SPECIFIC TREATMENT IN  
TUBERCULOSIS (Accion de una Nueva Hormona, la  
Triamcinolona, Combinada con el Tratamiento  
Especifico en Tuberculosis). [1963] 11p (figs omitted)  
14 refs

Order from SLA \$1.60

TT-64-10393

Trans. of Asoc[acion] Med[ica] Argentina [Buenos  
Aires]. Rev[ista] 1959, v. 73, no. 4, p. 125-130

DESCRIPTORS: Hormones, \*Corticosteroid agents,  
\*Antitubercular agents, Drugs.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-10393

1. Title: Delphicort
2. Title: Triamcinolone
- I. Pilheu, J. A.
- II. Iannello, J. A.

11:3701

Office of Technical Services



Pilheu, F. R. and Celsi, Tito.  
CANCER OF THE BUCCAL CAVITY AND HEPATIC  
INSUFFICIENCY. [1962] 8p.  
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K-H 11339

Trans. of la Prensa Méd[ica] Argentina, 1960. v. 47,  
p. 2797-2800.

DESCRIPTORS: \*Cancer, \*Mouth, \*Liver, Diseases.

(Biological Sciences--Pathology, TT, v. 8, no. 8)

62-17579

- I. Pilheu, F. R.
- II. Celsi, T.
- III. K-H-11339
- IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

C223205

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Alpha Decay of Nonspherical Nuclei, by G. M.  
Adel'son-Vel'skii, A. P. Birzgal, A. D. Pilia,  
K. A. Ter-Martirosian, 12 pp., L. I. Gel'din

RUSSIAN, per, Zhur Maper i Teoret Fiz, Vol XXIV,  
No 1(7), 1958, pp 184-201.

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Sci - Phys

Feb 59

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COMPARATIVE BRITTLINESS OF HEAT-RESISTANT  
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I SPETSIAL'NIKH SPLAVOV, NO 5, 1960.

JPRS 17446

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(NY-6440)

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JPRS 14186

EEur - Poland  
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PROCESS FOR THE PURIFICATION OF MOIST  
SMOKES, AND PARTICULARLY TOBACCO SMOKE.  
[1963] 3p  
Order from OTS, SLA, or ETC \$1.10 TT-64-14482

Trans. of Italian patent 514,583, cl. XXV, deposited  
6 Apr 54, granted 10 Feb 55.  
Another trans. is available from K-H \$3.75 as  
K-H-8003-e [1962] 3p

(Chemistry, TT, v. 11, no. 12)

TT-64-14482

I. Pilego, M.  
II. Soldi, A.  
III. Patent (Italy) 514 583

083304

Office of Technical Services

<p>Pillego, Mario and Soldi, Alberto. PROCESS FOR THE PURIFICATION OF MOIST SMOKES, AND PARTICULARLY TOBACCO SMOKE. [1963] 3p Order from OTS, SLA, or ETC \$1.10 TT-64-14482</p> <p>Trans. of Italian patent 514,583, cl. XXV, deposited 6 Apr 54, granted 10 Feb 55. Another trans. is available from K-H \$3.75 as K-H-8003-e [1963] 3p</p> <p>(Chemistry, TT, v. 11, no. 12)</p>	<p>TT-64-14482</p> <p>I. Pillego, M. II. Soldi, A. III. Patent (Italy) 514 583</p> <p>583301</p> <p>Office of Technical Services</p>
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Treatment of Chemical Fibres in Cotton-  
Spinning Plant, by M. Ya. Pilikovskiy  
and V. M. Rybakov.  
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Volokn na Khlopkovykh Oborudovaniy,  
1961 168 pp.  
MLL RTS 24663 (On Loan)

M. Ya. Pilikovskiy

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Aug 65 2

TT-65-13845

Field 11F, 13H, 111

Pillnitsky, Giza von.  
RECENT DEVELOPMENTS IN THE FIELD OF THE  
CARBON DIOXIDE SOLIDIFICATION PROCESS WHILE  
USING PLASTICS. Paper presented at the German  
Foundrymen's Society. Meeting of the Working Group  
on the CO<sub>2</sub>. Process of the Technical Committee on  
Mold and Auxiliary Materials, 3 Apr 61. 17p. 32refs.  
Order from SLA: \$1.60 as TT-65-13845

Trans. of Glesserei (West Germany) v52 n3 p67-70 1965.

I. Title: German ...

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On the Specific Energy of Indentation of the Ball,  
by B. I. Filipchuk, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 2, 1961,  
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ISA

Sci  
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Basic Defects of the Proposed System of Units "m - kg -  
kg-wt - sec", by B. I. Philipchuk, 4 pp.

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ISA

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Sept 61

A New Hardness Number, by B.I. Pilipchuk, S.S. Stepanov  
3 pp.

RUSSIAN, per Zavod Lab, Vol XXVII, No 2, 1961  
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Comparison of Meyer and Brinell Hardness, by  
B. I. Pilipchuk, 3 a pp.

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Comparative Characteristics of Spectrophotometric  
Methods for Identifying Tantalum and Niobium, by  
A. T. Filizade, G. M. Brevnova, 10 pp.  
RUSSIAN, per, Uchenykh Kalm Zhur, Vol XXXIX, No 5,  
1961, pp 515-522. 949817  
FTD-FF-64-370

Sci - Chem  
Jul 64

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Analysis of High-Melting Compounds, by  
G. V. Kuznetsov, A. T. Pilyavskiy, 210 pp.  
RUSSEAN, M., Acad. Tsyplovskaya Academy.  
Moscow, 1944, pp 7-234. 6593041  
FTD-TT-44-44

Sol - 10/  
Aug 44

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Composition and Stability of Coloured Selenourea and  
Thiourea Complexes of Osmium, by A. T. Pilipenko,  
I. P. Serezh, 4 pp.

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Sci.

Feb 62

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Colorimetric Determination of Germanium  
Phenylfluorinate, by F. G. Zharovskiy,  
A. T. Pilipenko, 3 pp.

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Apr 60

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The Use of Selenourea in Analytical Chemistry.  
1. The Behavior of Selenourea Toward the Cations  
of the Heavy Metals and the Composition and Sta-  
bility of the Selenourea Complexes of Bismuth,  
by A. T. Filipenko, I. P. Sereda, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 1, 1958,  
pp 3-10.

Consultants Bureau

Sci - Chem

Jan 59

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Analytic Reagents Containing Thiol ( $\text{C-S-H}$ ) and  
Thionine ( $\text{C=S}$ ) Groups, by A. T. Filipenko.

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 11, 1956,  
pp 1402-1428.

Tech and Comm  
\$200.00

Sci - Chem  
Aug 57

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Study of Phosphate Complexes in Solution. I.  
Phosphate Complexes of Iron by A. T. Pilipenko  
and I. M. Ivashchenko, 6 pp.

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RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 3,  
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Consultants Bureau

Sol - Chemistry  
Jan 57 CRB

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Amalgams and High - melting compounds, by  
G. V. Gerasimov, A. P. Filipenko.

RUSSIAN,

FTD-FT-~~64~~63-814

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THE USE OF Selenourea in Analysis. Communication  
II. Photometric Determination of Ruthenium and  
Osmium by Means of Selenourea Without Their  
Preliminary Separation. The Composition and  
Stability of the Selenourea Complex of Ruthenium,  
by A. T. Pillipenko, I. P. Sereda, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 1, 1961,  
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The Analytical Application of Dithionite-  
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Constants of the Dithionites of Nickel, Cobalt,  
Tin (II), Bismuth, Copper (II), Silver, Mercury  
(II), and the Dithionites of Manganese and Iron,  
by A. T. Filipenko, 7 pp. UNCLASSIFIED

A. I. DOKHTENKO,  
Full translation.

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No 5, 1953, pp 286-292.

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Scientific - Chemistry Sep 54 CTS/IKX

PILIPENKO, A. T.

For the Use of Diphenyl-Thio Carbazone (Dithizon) in  
Analysis. I. Acid Properties of Dithizon, 14 pp.

Russian, no per, Zhur Anal Khim, 1, (5-6), 1946.

Natl Insts of Health  
Bethesda Md.

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*File Only*



The Instability Constants of Thiourea Complexes of  
Copper, Silver and Mercury, by A. T. Pilipenko,  
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